

February 12, 2013

Mr. Jeff Derouen Executive Director Kentucky Public Service Commission 211 Sower Boulevard P.O. Box 615 Frankfort, Kentucky 40602-0615 RECEIVED

FEB 1 3 2013

PUBLIC SERVICE COMMISSION

Dear Mr. Derouen:

Re: PSC Case No. 2012-00486

Please find enclosed the original and 5 copies of Cumberland Valley Electric's responses as requested in Case No. 2012-00486, Commission Staff's Amended Second Request for Information to East Kentucky Power Cooperative, Inc.'s Sixteen Member Distribution Cooperatives. Each response includes the name of the witness responsible for responding to the questions related to the information provided. A signed certification of the person supervising the preparation is included.

If you have any questions about this filing, please feel free to contact me.

Very truly yours,

Lobust Tolling

Robert Tolliver Office Manager

**Enclosures** 

Phone: 606-528-2677 © Fax: 606-523-2698

#### **COMMONWEALTH OF KENTUCKY**

### BEFORE THE PUBLIC SERVICE COMMISSION

i	In	r۵	th	Δ	ħЛ	att	٥r	of.

AN EXAMINATION BY THE PUBLIC SERVICE	)	
COMMISSION OF THE ENVIRONMENTAL	)	
SURCHARGE MECHANISM OF EAST KENTUCKY	)	
POWER COOPERATIVE, INC. FOR THE	)	
TWO-YEAR BILLING PERIOD ENDING	)	CASE NO.
JUNE 30, 2011, FOR THE SIX MONTH BILLING	)	2012-00486
PERIODS ENDING DECEMBER 21, 2011 AND	)	
JUNE 30, 2012, AND THE PASS TRHOUGH	)	
MECHANISM FOR ITS SIXTEEN MEMBER	)	
DISTRIBUTION COOPERATIVES	)	

## <u>AFFIDAVIT</u>

STATE OF KENTUCKY )

COUNTY OF KNOX )

Robert D. Tolliver, being duly sworn, states he has read the foregoing prepared testimony and that he would respond in the same manner to the questions if so asked upon taking the stand, and that the matters and things set forth therein are true and correct to the best of his knowledge, information and belief.

**Robert Tolliver** 

Subscribed and sworn before me on this 11 day of February 2013.

Barbora Elliott Notary Public

# Commonwealth of Kentucky Before The Public Service commission

In the Matter of:

AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION OF	)	
THE ENVIRONMENTAL SURCHARGE MECHANISM OF EAST	)	CASE NO.
KENTUCKY POWER COOPERATIVE, INC. FOR TWO-YEAR	)	2012-00486
BILLING PERIOD ENDING JUNE 30, 2011, FOR THE SIX-MONTH	)	
BILLING PERIODS ENDING DECEMBER 31, 2011 AND JUNE 30,	)	
2012, AND THE PASS THROUGH MECHANISM FOR ITS SIXTEEN	)	
MEMBER DISTRIBUTION COOPERATIVES	)	

# CUMBERLAND VALLEY ELECTRIC'S RESPONSES TO COMMISSION STAFF'S AMENDED SECOND REQUEST FOR INFORMATION TO EAST KENTUCKY POWER COOPEARATIVE, INC.'S SIXTEEN MEMBER DISTRIBUTION COOPERATIVES

- 1. Each member cooperative should refer to EKPC's responses to Commission Staff's First Request for Information, item 2, and respond to the following:
  - a. Have you experienced any problems in administering the refund of any over-recovery or collection of any under-recovery of environmental surcharge costs?

Response: No.

b. Do you recommend any changes from the current method of refunding/collecting any over- or under-recovery of environmental surcharge costs over a six-month time period? If so, what is the time period you believe is appropriate?

Response: No.

c. Describe the benefits, if any, of allowing the refund/collection of any over- or underrecovery of environmental surcharge costs to be spread over a time period different from the current six-month recovery period.

Response: None.

d. Describe the negative effects, if any, of allowing the refund/collection of over —or under-recovery of environmental surcharge costs to be spread over a time period different from the current six-month period.

Response: None.

Witness: Robert Tolliver

2. Provide the member cooperative's actual average residential customer's monthly kWh usage. Based on this usage amount, provide the dollar impact any over-or under-recovery will have on the average residential customer's bill for a recovery period of six months and a recovery period of 12 months.

Response: See item 2, page 2 of 5, showing actual average residential monthly kWh usage. The average residential environmental surcharge for 2012 was \$136.87. In refunding approximately \$519,785 of an over recovery the total environmental surcharge amount utilizing a 6 month recovery period would be \$121.19, and a 12 month recovery would be \$121.66. The dollar impact is insignificant. See item 2 page 2 through 5 for details.

Witness: Robert Tolliver

	2012	Average									
	Residential	Residential		Fuel		No Bil	ling Lag	6 Mont	n Recovery	12 Montl	n Recovery
Month	Members	Monthly kWh Usage	Bill	Adj	Subtotal	ES	ES Amount	띪	ES Amount	2] -	S Amount
January	22,115	1,584	\$141.38	\$0.0004761	\$142.13	9.25%	\$13.15	9.25%	\$13.15	8.04%	\$11.43
February	22,094	1,485	\$132.90	\$0.0006978	\$133.94	8.33%	\$11.16	8.33%		7.11%	7.11% \$9.52
March	22,067	926	\$85.03	(\$0.0005600)	\$84.51	8.89%	\$8.36	868.6	\$8.36	8.67%	\$7.33
April	22,008	847	\$78.27	(\$0.0018511)	\$76.70	11.58%	\$8.88	11.58%	\$8.8\$	10.33%	\$7.92
May	22,007	961	\$88.03	(\$0.0044324)	\$83.77	13.16%	\$11.02	13.16%	\$11.02	11.91%	\$6.6\$
June	22,014	870	\$80.24	(\$0.0029456)	\$77.68	11.94%	\$9.27	11.94%	\$9.27	10.70%	\$8.31
July	22,030	1,297	\$116.80	(\$0.0035258)	\$112.23	11.16%	\$12.52	8.65%	\$9.71	806.6	\$11.11
August	22,018	1,292	\$116.37	(\$0.0027385)	\$112.84	10.71%	\$12.08	8.21%	\$9.26	9.46%	\$10.67
September	22,050	864	\$79.72	(\$0.0031000)	\$77.05	12.41%	\$9.56	9.87%	\$7.60	11.14%	\$8.58
October	22,037	916	\$84.18	(\$0.0012410)	\$83.04	13.54%	\$11.24	10.98%	\$9.12	12.26%	\$10.18
November	22,062	1,311	\$118.00	(\$0.0004023)	\$117.47	14.09%	\$16.55	11.54%	\$13.56	12.81%	\$15.05
December	22,089	1,267	\$114.23	\$0.0018503	\$116.58	11.20%	11.20% \$13.06	8.66%	\$10.10	9.93%	\$11.58
							\$136.87		\$171.19		\$171.66

East Kentucky Power Cooperative, Inc. - Distribution Cooperatives Pass Through Mechanism Report for Cumberland Valley Electric

For the Month Ending December 2012

(15)	Cumberland	Valley	Pass	Through	Mechanism	Factor	Col (10) / Col (14)	7 0507	200.	4.75%	8.60%	8.29%	11.00%	10.67%	12.59%	11.19%	11.70%	14.07%	14.35%	13.32%	9.25%	8.33%	868.6	11.58%	13.16%	11.94%	11.16%	10.71%	12.41%	13.54%	14.09%	11.20%
(14)	12-months	papua	Avg. Retail	Revenues,	Set			769 773 6	100,110,0	3,632,146	3,580,463	3,598,415	3,630,628	3,617,199	3,608,889	3,626,569	3,608,956	3,625,546	3,653,616	3,583,815	3,533,589	3,539,811	3,480,760	3,461,927	3,485,559	3,455,567	3,456,933	3,416,893	3,391,047	3,396,871	3,413,007	3,368,792
(13)	Cumberland	Valley	Net Monthly	Retail	Revenues		Col. (11) - Col. (12)	4 072 476	4,512,170	4,241,409	3,677,707	3,026,484	2,757,504	3,141,325	3,558,655	4,079,428	3,070,442	2,823,769	3,531,231	4,125,646	4,369,471	4,316,071	2,969,090	2,800,486	3,041,094	2,781,417	3,575,045	3,598,947	2,760,296	2,893,662	3,724,856	3,595,071
(12)	On-Peak	Retail	Revenue	Adjustment																												
(11)	Cumberland	Valley	Total	Monthly Retail	Revenues			4 070 476	4,372,170	4,241,409	3,677,707	3,026,484	2,757,504	3,141,325	3,558,655	4,079,428	3,070,442	2,823,769	3,531,231	4,125,646	4,369,471	4,316,071	2,969,090	2,800,486	3,041,094	2,781,417	3,575,045	3,598,947	2,760,296	2,893,662	3,724,856	3,595,071
(10)	Cumberland	Valley	Net Revenue	Revenue	Requirement		Col (8) + Col (9)	177 308	000,77	174,679	312,345	343,300	395,811	387,273	455,472	403,863	424,366	507,801	520,291	486,543	331,498	294,519	350,246	402,978	455,681	416,178	385,488	370,385	423,967	458,993	478,605	382,317
(6)	Amortization	ō	(Over)/Under	Recovery						r	•	1	,	,	90,523	90,523	90,523	90,523	90,523	90,523	,	,	•	•	•	•		•	,	•	1	•
(8)	Cumberland	Valley	Revenue (	Requirement			Col (3) x Col (7)	477 208	000,771	174,679	312,345	343,300	395,811	387,273	364,949	313,340	333,843	417,278	429,768	396,020	331,498	294,519	350,246	402,978	455,681	416,178	385,488	370,385	423,967	458,993	478,605	382,317
(2)	EKPC 12-months	Ended Average	Monthly Revenue	from Sales to	Cumberland	Valley		240 006	2,140,220	2,706,743	2,694,954	2,733,283	2,758,267	2,768,211	2,775,281	2,777,836	2,779,712	2,809,950	2,844,263	2,786,911	2,741,922	2,732,085	2,710,882	2,697,313	2,696,338	2,676,388	2,656,703	2,621,269	2,612,242	2,612,369	2,625,372	2,616,819
(9)	EKPC Net	Monthly	Sales	\$	Cumberland	Valley	Col. (4) - Col. (5)	0000	2,000,100	3,147,092	2,666,979	2,251,483	2,285,212	2,704,004	2,942,312	2,941,256	2,325,912	2,341,106	2,795,680	3,173,705	3,328,318	3,029,048	2,412,544	2,088,654	2,273,514	2,464,606	2,706,093	2,516,047	2,217,586	2,342,637	2,951,708	3,071,075
(5)	On-peak	Revenue	Adjustment	-																												
(4)	EKPC	Monthly	Revenues from	Sales to	Cumberland	Valley		0000	2,000,100	3,147,092	2,666,979	2,251,483	2,285,212	2,704,004	2,942,312	2,941,256	2,325,912	2,341,106	2,795,680	3,173,705	3,328,318	3,029,048	2,412,544	2,088,654	2,273,514	2,464,606	2,706,093	2,516,047	2,217,586	2,342,637	2,951,708	3,071,075
(3)					EKPC	MESF %	Col. (1) - Col. (2)	7024 3	D. 4.74	6.45%	11.59%	12.56%	14.35%	13.99%	13.15%	11.28%	12.01%	14.85%	15.11%	14.21%	12.09%	10.78%	12.92%	14.94%	16.90%	15.55%	14.51%	14.13%	16.23%	17.57%	18.23%	14.61%
(2)					EKPC	BESF %		1000	0.00%	%000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	%00.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(1)		**********			EKPC	CESF %		702.4	0.47 %	6.45%	11.59%	12.56%	14.35%	13.99%	13.15%	11.28%	12.01%	14.85%	15.11%	14.21%	12.09%	10.78%	12.92%	14.94%	16.90%	15.55%	14.51%	14.13%	16.23%	17.57%	18.23%	14.61%
<u> </u>			Surcharge	Factor	Expense	Month		1	Jan-	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12

Notes: Cumberland Valley Total Monthly Retail Revenues in Column (11) includes demand and energy charges, customer charges, and FAC revenues. Revenues reported in Columns (4), (6), (7), (11), (13), and (14) are net of Green Power Revenues.

East Kentucky Power Cooperative, Inc. - Distribution Cooperatives Pass Through Mechanism Report for Cumberland Valley Electric

For the Month Ending December 2012

(15)	Cumberland	Valley	Pass	Through	Mechanism	Factor	Col (10) / Col (14)	4.85%	4.75%	8.60%	8.59%	11.00%	10.67%	12.59%	11.19%	11.70%	14.07%	14.35%	13.32%	9.25%	8.33%	8.89%	11.58%	13.16%	11.94%	8.65%	8.21%	9.87%	10.98%	11.54%	8.66%
(14)	12-months	ended	Avg. Retail	Revenues,	Net			3,677,837	3,632,146	3,580,463	3,598,415	3,630,628	3,617,199	3,608,889	3,626,569	3,608,956	3,625,546	3,653,616	3,583,815	3,533,589	3,539,811	3,480,760	3,461,927	3,485,559	3,455,567	3,456,933	3,416,893	3,391,047	3,396,871	3,413,007	3,368,792
(13)	Cumberland	Valley	Net Monthly	Retail	Revenues		Col. (11) - Col. (12)	4,972,176	4,241,409	3,677,707	3,026,484	2,757,504	3,141,325	3,558,655	4,079,428	3,070,442	2,823,769	3,531,231	4,125,646	4,369,471	4,316,071	2,969,090	2,800,486	3,041,094	2,781,417	3,575,045	3,598,947	2,760,296	2,893,662	3,724,856	3,595,071
(12)	On-Peak	Retail	Revenue	Adjustment	****																										
(11)	Cumberland	Valley	Total	Monthly Retail	Revenues			4,972,176	4,241,409	3,677,707	3,026,484	2,757,504	3,141,325	3,558,655	4,079,428	3,070,442	2,823,769	3,531,231	4,125,646	4,369,471	4,316,071	2,969,090	2,800,486	3,041,094	2,781,417	3,575,045	3,598,947	2,760,296	2,893,662	3,724,856	3,595,071
(10)	Cumberland	Valley	Net Revenue	Revenue	Requirement		Col (8) + Col (9)	177,308	174,679	312,345	343,300	395,811	387,273	455,472	403,863	424,366	507,801	520,291	486,543	331,498	294,519	350,246	402,978	455,681	416,178	298,857	283,754	337,336	372,362	391,974	295,686
(6)	Amortization	ģ	(Over)/Under	Recovery				•	,		,	,	,	90,523	90,523	90,523	90,523	90,523	90,523	•	•	ı	,	,		(86,631)	(86,631)	(86,631)	(86,631)	(86,631)	(86,631)
(8)	Cumberland	Valley	Revenue	Requirement			Col (3) x Col (7)	177,308	174,679	312,345	343,300	395,811	387,273	364,949	313,340	333,843	417,278	429,768	396,020	331,498	294,519	350,246	402,978	455,681	416,178	385,488	370,385	423,967	458,993	478,605	382,317
(2)	EKPC 12-months	Ended Average	Monthly Revenue	from Sales to	Cumberland	Valley		2,740,226	2,706,743	2,694,954	2,733,283	2,758,267	2,768,211	2,775,281	2,777,836	2,779,712	2,809,950	2,844,263	2,786,911	2,741,922	2,732,085	2,710,882	2,697,313	2,696,338	2,676,388	2,656,703	2,621,269	2,612,242	2,612,369	2,625,372	2,616,819
Г	1	Monthly	Sales	đ	Cumberland	Valley	Col. (4) - Col. (5)	3,868,185	3,147,092	2,666,979	2,251,483	2,285,212	2,704,004	2,942,312	2,941,256	2,325,912	2,341,106	2,795,680	3,173,705	3,328,318	3,029,048	2,412,544	2,088,654	2,273,514	2,464,606	2,706,093	2,516,047	2,217,586	2,342,637	2,951,708	3,071,075
(5)	On-peak	Revenue	Adjustment																												
(4)	EKPC	Monthly	Revenues from	Sales to	Cumberland	Valley		3,868,185	3,147,092	2,666,979	2,251,483	2,285,212	2,704,004	2,942,312	2,941,256	2,325,912	2,341,106	2,795,680	3,173,705	3,328,318	3,029,048	2,412,544	2,088,654	2,273,514	2,464,606	2,706,093	2,516,047	2,217,586	2,342,637	2,951,708	3,071,075
(3)				***	EKPC	MESF %	Col. (1) - Col. (2)	6.47%	6.45%	11.59%	12.56%	14.35%	13.99%	13.15%	11.28%	12.01%	14.85%	15.11%	14.21%	12.09%	10.78%	12.92%	14.94%	16.90%	15.55%	14.51%	14.13%	16.23%	17.57%	18.23%	14.61%
(2)			umanya.	•	EKPC	BESF %		0.00%	%00.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	%00.0	0.00%	0.00%	0.00%	0.00%	0.00%	%00.0	0.00%	0.00%	%00.0	0.00%	0.00%
(1)					EKPC	CESF %		6.47%	6.45%	11.59%	12.56%	14.35%	13.99%	13.15%	11.28%	12.01%	14.85%	15.11%	14.21%	12.09%	10.78%	12.92%	14.94%	16.90%	15.55%	14.51%	14.13%	16.23%	17.57%	18.23%	14.61%
			Surcharge	Factor	Expense	Month		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12

Notes: Cumberland Valley Total Monthly Retail Revenues in Column (11) includes demand and energy charges, customer charges, and FAC revenues. Revenues reported in Columns (4), (6), (7), (11), (13), and (14) are net of Green Power Revenues.

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East Kentucky Power Cooperative, Inc. - Distribution Cooperatives Pass Through Mechanism Report for Cumberland Valley Electric

For the Month Ending December 2012

(15)	Cumberland	Valley	Pass	Through	Mechanism	Factor	Col (10) / Col (14)		4.85%	4.75%	8.60%	9.59%	11.00%	10.67%	12.59%	11.19%	11.70%	14.07%	14.35%	13.32%	8.04%	7.11%	8.67%	10.33%	11.91%	10.70%	%06.6	9.46%	11.14%	12.26%	12.81%	9.93%
(14)	12-months	ended	Avg. Retail	Revenues,	Net				3,677,837	3,632,146	3,580,463	3,598,415	3,630,628	3,617,199	3,608,889	3,626,569	3,608,956	3,625,546	3,653,616	3,583,815	3,533,589	3,539,811	3,480,760	3,461,927	3,485,559	3,455,567	3,456,933	3,416,893	3,391,047	3,396,871	3,413,007	3,368,792
(13)	Cumberland	Valley	Net Monthly	Retail	Revenues		Col. (11) - Col. (12)		4,972,176	4,241,409	3,677,707	3,026,484	2,757,504	3,141,325	3,558,655	4,079,428	3,070,442	2,823,769	3,531,231	4,125,646	4,369,471	4,316,071	2,969,090	2,800,486	3,041,094	2,781,417	3,575,045	3,598,947	2,760,296	2,893,662	3,724,856	3,595,071
(12)	On-Peak	Retail	Revenue	Adjustment																												
(11)	Cumberland	Valley	Total	Monthly Retail	Revenues				4,972,176	4,241,409	3,677,707	3,026,484	2,757,504	3,141,325	3,558,655	4,079,428	3,070,442	2,823,769	3,531,231	4,125,646	4,369,471	4,316,071	2,969,090	2,800,486	3,041,094	2,781,417	3,575,045	3,598,947	2,760,296	2,893,662	3,724,856	3,595,071
(10)	Cumberland	Valley	Net Revenue	Revenue	Requirement		Col (8) + Col (9)		177,308	174,679	312,345	343,300	395,811	387,273	455,472	403,863	424,366	507,801	520,291	486,543	288,182	251,203	306,930	359,662	412,365	372,862	342,172	327,069	380,651	415,677	435,289	339,001
(6)	Amortization	ō	(Over)/Under	Recovery						1	•	ı		,	90,523	90,523	90,523	90,523	90,523	90,523	(43,316)	(43,316)	(43,316)	(43,316)	(43,316)	(43,316)	(43,316)	(43,316)	(43,316)	(43,316)	(43,316)	(43,316)
(8)	Cumberland	Valley	Revenue (	Requirement			Col (3) x Col (7)		177,308	174,679	312,345	343,300	395,811	387,273	364,949	313,340	333,843	417,278	429,768	396,020	331,498	294,519	350,246	402,978	455,681	416,178	385,488	370,385	423,967	458,993	478,605	382,317
(2)	EKPC 12-months	Ended Average	Monthly Revenue	from Sales to	Cumberland	Valley		!	2,740,226	2,706,743	2,694,954	2,733,283	2,758,267	2,768,211	2,775,281	2,777,836	2,779,712	2,809,950	2,844,263	2,786,911	2,741,922	2,732,085	2,710,882	2,697,313	2,696,338	2,676,388	2,656,703	2,621,269	2,612,242	2,612,369	2,625,372	2,616,819
(9)	EKPC Net	Monthly	Sales	ę	Cumberland	Valley	Col. (4) - Col. (5)		3,868,185	3,147,092	2,666,979	2,251,483	2,285,212	2,704,004	2,942,312	2,941,256	2,325,912	2,341,106	2,795,680	3,173,705	3,328,318	3,029,048	2,412,544	2,088,654	2,273,514	2,464,606	2,706,093	2,516,047	2,217,586	2,342,637	2,951,708	3,071,075
(5)	On-peak	Revenue	Adjustment																													
(4)	EKPC	Monthly	Revenues from	Sales to	Cumberland	Valley	1		3,868,185	3,147,092	2,666,979	2,251,483	2,285,212	2,704,004	2,942,312	2,941,256	2,325,912	2,341,106	2,795,680	3,173,705	3,328,318	3,029,048	2,412,544	2,088,654	2,273,514	2,464,606	2,706,093	2,516,047	2,217,586	2,342,637	2,951,708	3,071,075
(6)					EKPC	MESF %	Col. (1) - Col. (2)	į	6.47%	6.45%	11.59%	12.56%	14.35%	13.99%	13.15%	11.28%	12.01%	14.85%	15.11%	14.21%	12.09%	10.78%	12.92%	14.94%	16.90%	15.55%	14.51%	14.13%	16.23%	17.57%	18.23%	14.61%
(2)					EKPC	BESF %			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	%00.0	0.00%	0.00%	0.00%	0.00%	0.00%
(3)					EKPC	CESF %		ļ	6.47%	6.45%	11.59%	12.56%	14.35%	13.99%	13.15%	11.28%	12.01%	14.85%	15.11%	14.21%	12.09%	10.78%	12.92%	14.94%	16.90%	15.55%	14.51%	14.13%	16.23%	17.57%	18.23%	14.61%
			Surcharge	Factor	Expense	Month			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12

Notes: Cumberland Valley Total Monthly Retail Revenues in Column (11) includes demand and energy charges, customer charges, and FAC revenues. Revenues reported in Columns (4), (6), (7), (11), (13), and (14) are net of Green Power Revenues.